



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 6, 2023

Tom Lennan  
MGK  
7325 Aspen Lane North  
Minneapolis, MN 55428

Subject: Label Amendment – revising label to update per recently transferred product  
Product Name: TC-263  
EPA Registration Number: 1021-2837  
Application Date: 9/29/2020  
Decision Number: 569788

Dear Mr. Lennan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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Decision No. 569788

with FIFRA section 6. If you have any questions, please contact Autumn Metzger at 202-566-2830, or [Metzger.autumn@epa.gov](mailto:Metzger.autumn@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Autumn Metzger', written in a cursive style.

Autumn Metzger  
Acting Product Manager 04  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# TC 263

[ABN: ULD® HydroPy-300® Formula 2· Pyrethrin Concentrate]

[ ] Indicates optional wording.

## ACTIVE INGREDIENTS:

Pyrethrins\*, a botanical insecticide ..... 3.0%  
Piperonyl Butoxide\*\* ..... 15.0%

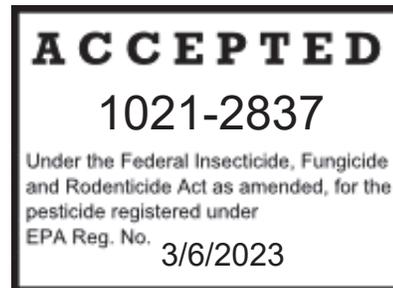
OTHER INGREDIENTS: ..... 82.0%

TOTAL: ..... 100.0%

\* 1 gallon contains 0.25 lbs. of Pyrethrins and 1.25 lbs. of piperonyl butoxide

\*\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds

ULD® is a registered trademark of MGK.



## KEEP OUT OF REACH OF CHILDREN CAUTION

See inside booklet for [First Aid.] [Precautionary Statements.] Directions for Use and Storage and Disposal

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give <b>any</b> liquid to the person. Do not give anything by mouth to an unconscious person.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15- 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	

Manufactured for:



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-2837

EPA Est. No. 1021-MN-2

Net Contents: [1 Gal.] [5 Gal.] [55 Gal.] [275 Gal.]

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse. Wear long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers and other handlers must wear. Long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and protective eyewear.

- In addition to the above PPE, applicators using a high-pressure hand wand in an enclosed area must wear at least a NIOSH-approved respirator with: a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any R, P, or HE filter.
- In addition to the above PPE, applicators fogging this product (applying as a space spray) in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with: a dust/mist filtering cartridge with MSHA/NIOSH approval number prefix TC-21C, or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a cartridge or canister with an R, P or HE filter.

#### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

To protect the environment, do not allow pesticide to enter or run off into storm drains, draining ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or draining systems.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

**For containers > 5 gal:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified, in writing, prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**KILLS:** Angoumois Grain Moths, Ants (excluding Harvester), Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, German Cockroaches, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Spiders (excluding Black Widow and Brown Recluse) and Tobacco Moths.

**FOR USE IN AND AROUND:** Commercial (including Food Handling Establishments, Food Service, Storage, Preparation and Processing Areas, and Meat, Poultry and Egg Processing Facilities), Institutional and Residential Areas.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL BEFORE EACH USE.**

#### USE RESTRICTIONS

**NOT REGISTERED for use in Automatic ULV Spraying Systems in the State of New York.**

- Apply this product only as specified on this label.
- Do not apply more than 1 time/day.
- Only protected applicators may be in treatment area during application.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Remove pets, birds and cover fish aquariums before spraying.
- When used as a direct or space spray, do not enter or allow others to enter until sprays have dried.
- For space sprays:
  - Do not enter or allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
  - Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosol, vapors and/or mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- For space spray in residential areas:
  - Use at 0.5% or lower dilution rate.
  - Apply a maximum of 1 fl. oz./1,000 cu. ft.
  - Use only for flying insects, not crawling insects.
- Do not make outdoor applications during rain.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways and patios except as a spot or crack and crevice treatment. During application, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

- All outdoor applications must be limited to spot or crack and crevice treatments only, except for the following permitted uses, if allowed elsewhere on this label:
  1. Applications to soil or vegetation, as listed on this label, around structures; Treatment to soil or vegetation around structures;
  2. Applications to lawns, turf and other vegetation, as listed on this label;
  3. Applications to the side of a building, up to a maximum height of 3 ft. above grade; building foundations up to a maximum height of 3 ft.
  4. Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure;
  5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
  6. Applications made through the use of a coarse, low-pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters or surface waters, in order to control occasional invaders or aggregating pests.
- Do not wet plant to point of runoff or drip.
- Do not wet articles to point of runoff or drip.
- Do not use treated articles until spray has dried.
- Do not water the treated area to the point of runoff.
- do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.
- Do not use in aircraft cabins. Use only in cargo areas.
- Remove or cover all food and drinking water in the treatment area, before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces in the treatment area, or wash them before use.
- For space spray applications in food handling and processing facilities:
  - Do not make applications when facility is in operation.
  - Prior to applications, cover or remove food in the treatment area.
  - Prior to applications, cover food processing surfaces in the treatment area, or clean after treatment and before use.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hrs.) after application. Do not return patients to room until after ventilation.
- Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- Do not apply to classrooms when in use.

**DILUTION RATES**

Dilute only with water. Follow the rates for specific pests and apply in a mechanical sprayer, mist sprayer, mechanical aerosol generator which produces particles of aerosol size (80% of droplets < 30 microns) or in a pump sprayer or automated misting system†. Use the 0.25% rate for maintenance. Use higher rates for clean outs or high insect infestations.

Pyrethrin % Desired	Amount of Concentrate per Gallon of Water*
0.025%	1 fl. oz.
0.050%	2 fl. oz.
0.125%	5-1/3 fl. oz.
0.250%	10-2/3 fl. oz.
0.500%	21-1/3 fl. oz.
1.000%	42-2/3 fl. oz.

**\*DO NOT DILUTE WITH OIL.**

NOTE: 1/3 fl. oz. = 2 tsp. and 1/2 fl. oz. = 1 tbsp.

**APPLICATION INSTRUCTIONS**

**USED IN COMBINATION WITH OTHER INSECTICIDES:** This product may be combined with other insecticides and acaricides where resistance may be a problem, and to flush insects from hiding and into contact with other spray residues. The application must conform to the accepted use precautions and directions for both products.

Prior to tank mixing, conduct a compatibility test using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture.

Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing. To provide flushing and quick knockdown, mix 0.50 - 8.0 fl. oz./gal. It is recommended that the final spray mix be buffered to a pH of 5.5 - 7.0.

**SPACE SPRAY (INDOORS):** Apply using a mechanical aerosol generator which creates particles of aerosol size (80% of droplets < 30 microns). Prior to treatment, open cabinets, doors and equipment to be treated; turn off air conditioners and fans, extinguish all flames and close windows in the area to be treated. Disperse toward areas suspected of harboring the greatest infestations of listed pests. Disperse in all locations (including around equipment, appliances and pallets, if desired), contacting as many insects as possible. Do not remain in treated areas after application. Keep area closed for at least 1 hr. Open and thoroughly ventilate treated areas before reoccupying. For space treatment in residences, only for flying insects, use at the 0.5% or below rate.

**CRACK AND CREVICE TREATMENT:** Use diluted or undiluted. Apply as a crack and crevice treatment into cracks, crevices and void spaces where pests hide, harbor, live and breed (such as behind baseboards, sinks, cabinets, door frames and windows). Place injector tip into cracks, crevices, holes and other small (openings) areas. For lighter infestations, move injector tip along cracks while treating at the rate of 4 ft./second. For heavier infestations, move injector tip along cracks while treating at the rate of 2 ft./second. Apply in such a manner that dripping and runoff on structural surfaces is minimized.

**VOID TREATMENT:** Use to flush and kill insects harboring in closed or inaccessible areas such as attics, false ceilings and crawl spaces. Calculate the cubic volume (area) of the void and treat at a rate of 1 fl. oz./1,000 cu. ft. Apply in such a manner that dripping and runoff on structural surfaces is minimized.

**DIRECT SPRAY OR VOID INJECTION:** Use equipment designed for space or mist treatments. Follow the manufacturer's recommendations for proper equipment setup and operation. Place the tip of the applicator at or into the crack or crevice or opening to the void. Apply in short bursts into area being treated. Apply 1 second of product for every 3 cu. ft. of void area. **For Direct Spray**, apply the product in short bursts into the area where insects are to be contacted, such as corners of the room, behind and under furniture or other equipment. Apply from a distance of 18 - 24" away from the surface and allow the material to drift to area to be treated. The amount of product applied is not to exceed 0.5 fl. oz./1,000 cu. ft.

#### INDOOR TREATMENTS

**FLYING INSECTS (such as Cluster Flies, Flies, Gnats, Mosquitoes, Moths, Small Flying Moths and Webbing Clothes Moths):** Apply as a crack and crevice, void treatment, direct spray, or space spray at 0.125% - 3.0%, using 1.0 fl. oz. concentrate/1,000 cu. ft. of space. Close all windows and doors. Direct aerosol upward and disperse in all locations. Do not remain in treated areas after application. Keep area closed for at least 1 hr. Open and thoroughly ventilate treated areas before reoccupying.

**CRAWLING INSECTS [such as Ants (excluding Harvester), Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, German Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders (excluding Black Widow and Brown Recluse)]:** *Crack and crevice, Void, Direct Spray and/or Space Treatment:* Apply at 1.0% to cracks and crevices and structural void spaces as well as behind baseboards, sinks, cabinets, door frames and windows, and inside and around food conveying, processing and handling equipment. Do not apply as a space spray in residences.

**STORED PRODUCT PESTS (such as Angoumois Grain Moths, Cadelles, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Driedfruit Beetles, Drugstore Beetles, Flour Beetles, Grain Mites, Granary Weevils, Indianmeal Moths, Mealworms, Mediterranean Flour Moths, Psocids, Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Trogoderma and Weevils):** Apply as a crack and crevice, void treatment, direct spray, or space spray at 1% - 3%, using 1.0 fl. oz. concentrate/1,000 cu. ft. of space. Use only in areas where food is not exposed. Thoroughly clean all food preparation areas after treatment and before food is exposed. Direct aerosol upward and disperse in all locations. Do not remain in treated areas after application. Keep area closed for at least 1 hr. Open and thoroughly ventilate treated areas before reoccupying. Do not apply as a space spray in residences.

**BED BUGS AND TICKS:** Apply as a space spray, directed spray treatment or Crack & Crevice treatment. Expose mattress and box springs. Space Spray: Apply at 1% - 3%, using 0.5 - 1.0 fl oz concentrate/1,000 ft3 of space. Crack & Crevice Treatment or Void Injection: Apply at 1% - 3% to cracks and crevices or structural voids around baseboards, floorboards, bed boards and walls. Direct Spray Treatment: Apply as a spot treatment where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty drawers and clothes closets, night stands and other furniture in the room, carpet edges, high and low wall moldings (such as floor molding or window casings), wall voids, behind wall hangings, wallpaper edges and popcorn ceilings. Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that interior framework is treated. Do not apply as a space spray in residences.

**FLEAS:** Apply as a directed or space spray to infested areas at 1% - 3%. Remove or cover animal feed and drinking water before spraying. To control the source of flea infestations, treat pets with a product registered for such use. Do not apply as a space spray in residences.

**DARKLING BEETLES:** Empty poultry houses and apply, undiluted, as a space spray using 0.25 fl. oz. concentrate/1,000 cu. ft. of space. Keep closed for 1 hr. Thoroughly ventilate (24 hrs.) before returning poultry.

#### INDOOR AND OUTDOOR TREATMENTS

**BOXELDER BUGS, CARPENTER ANTS, CLUSTER FLIES AND ELM LEAF BEETLES:** Apply as a crack and crevice treatment or as a void injection to voids and other areas where these insects are found. Use undiluted or diluted at 1% - 3%.

**CRAWLING INSECTS [such as Ants (excluding Harvester), Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, German Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders (excluding Black Widow and Brown Recluse)]:** *Crack and Crevice, Void and/or Direct Spray:* Apply at 1% - 3% into cracks, crevices and structural voids as well as behind baseboards, sinks, cabinets, door frames and windows, and inside and around food conveying, processing and handling equipment.

#### OUTDOOR TREATMENTS

**MOSQUITOES, FLIES, MIDGES AND GNATS:** Dilute to 0.05% - 0.125% when applying with mechanical, electrical, fogging or automated misting<sup>†</sup> equipment. To combat these pests in open areas near homes, buildings and in campgrounds, allow product to drift through shrubbery, vegetation and other harborage/resting areas. Structural surfaces, shrubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Treatment of vegetation in water from land is also permitted by allowing wind to move product into vegetation, but application of this product directly to any body of water is prohibited.

**PERIMETER TREATMENT:** For crawling insects, apply at 1% - 3% to cracks and crevices where insects may enter premises, such as weep holes, under siding, wall voids, soffits, around attic vents and openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

To help prevent infestations of buildings, treat a band of soil 6 - 10 ft. wide around and adjacent to the building. Also treat the building foundation to a height of 2 - 3 ft. where pests are active and may find entrance.

**OUTDOOR RESIDENTIAL MISTING SYSTEMS:** Use at 0.025% (1:108) – 0.108% (1:27)

**NOTE: NOT REGISTERED for use in Automatic ULV Spraying Systems in the State of New York.**

AUTOMATIC SPRAYING SYSTEM DILUTION TABLE				
Rate / Dilution Ratio	Mixing Rate / 1 Gallon Tank	Mixing Rate / 55 Gallon Tank	Gallons / Day / 1,000 cu. ft.	Finished Spray / Day / 1,000 cu. ft.
0.025% (1:108)	1 fl. oz.	64 fl. oz.	0.055 gal.	7 fl. oz.
0.050 (1:54)	2 fl. oz.	128 fl. oz.	0.027 gal.	3.5 fl. oz.
0.108% (1:127)	4 fl. oz.	256 fl. oz.	0.014 gal.	1.75 fl. oz.

**USE RESTRICTIONS**

- When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed.
- If the system works on an automatic timer, set the timing for application when people, pets and food are unlikely to be present.
- If the system works when a person operates a remote activation device, then application of this pesticide when people, pets and food are present is prohibited.
- Do not use in an evaporative cooling system.
- Direct nozzles to spray toward the target area and away from swimming pools, water bodies or eating and cooking areas.
- Do not set nozzles to direct mist near outside air conditioning systems or other home air intakes.
- If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: "This container holds \_\_ parts [product name] to \_\_ parts water."
- If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.
- Contact the system manufacturer for guidance or assistance to ensure compliance with the following requirement: This product must only be used in systems that have been calibrated to apply no more than the maximum application rate equal to 0.00011 lbs. pyrethrins per 1,000 cu. ft./day.

**LIVESTOCK (DOMESTIC)**

**On Domestic Animals/Livestock:** Use to protect beef cattle, dairy cattle and horses from horn flies, house flies and gnats, apply a light mist sufficient to wet the tips of the hair. To kill stable flies on beef cattle, dairy cattle and horses, apply 2 fl. oz./adult animal, sufficient to wet the hair but not to soak the hide. Repeat every 2 - 3 weeks as required, but do not apply more than 1 time/day. **Do not use on dogs and cats.**

**Space Treatment over Animals in Barns and Corrals or in Indoor Misting Systems used in Commercial Barns, Stables and Animal Quarters:** Select proper dilution and treat with ULD equipment over animals, or apply through Indoor Misting Systems.

**USE RESTRICTIONS FOR INDOOR MISTING SYSTEMS**

- Not for use in outdoor residential misting systems (indoor or outdoor). See URBAN MISTING SYSTEMS under OUTDOOR TREATMENTS for directions for use in Urban/Residential automated misting systems.
- Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.
- Do not apply when food, feed and/or water is present.
- When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed.
- When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.
- Direct nozzles to spray toward the target area and away from areas where people are typically present.
- Do not use in evaporative cooling system.
- Do not use in misters located within 3 ft. of air vents, air conditioner units or windows.
- If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: "This container holds \_\_ parts [product name] to \_\_ parts water."
- If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.
- This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.0033 lbs./1,000 cu. ft. (no animals present) [diluted to 1% = 4.5 fl. oz. /1,000 cu. ft. = 0.0833 lbs./gal.] or 0.0008 lbs./1,000 cu. ft. (animals present) [diluted to 1% = 0.0007 lbs./fl. oz. = 0.0833 lbs./gal.].

**HORTICULTURE USE**

**FOR USE IN:** Hobby Greenhouses, Interiorscapes and Outdoor landscapes

**KILLS:** Aphids, Armyworms, Beetles, Bugs (Boxelder, Lace and Plant), Caterpillars (Cabbageworms, Rose Slugs, Hornworms), Clover Mites, Crickets, Earwigs, Firebrats, Fruitworms, Fungus Gnats, Fungus Gnat Larvae, Grasshoppers, Leafhoppers, Leafminers, Leafrollers, Loopers, Mealybugs, Millipedes, Psylla, Rose Aphids, Scale Insects, Sowbugs, Spiders (excluding Black Widow and Brown Recluse), Spider Mites, Thrips and Whiteflies

### APPLICATION INSTRUCTIONS

Use diluted (0.05% - 0.25%) in sprayers. Treat upper and lower foliage surfaces of plants uniformly.

SPRAY DILUTION CHART	
Pyrethrin % Desired	Amount of Concentrate per Gallon of Water*
0.050%	2 fl. oz.
0.125%	5-1/3 fl. oz.
0.250%	10-2/3 fl. oz.

**\*DO NOT DILUTE WITH OIL.**

**PLANT SAFETY NOTICE:** This product has demonstrated excellent plant safety; however, all varieties of plants listed have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe for phytotoxicity prior to full scale operation.

Direct treatment to some open blooms may cause petal drop.

#### FOR USE INDOORS AND OUTDOORS ON:

**Bedding plants (such as):** Impatiens, Marigolds, Petunias, Geraniums and Garden Mums

**Cut Flowers (such as):** Roses, Chrysanthemums, Carnations, Snapdragons and Orchids

**Flowering hanging baskets (such as):** Fuchsia, Lantana, New Guinea Impatiens, Ivy, and Geraniums

**Foliage (such as):** Boston Fern, Dracaena, Ficus, Schefflera and Philodendron

**Potted Flowering plants (such as):** Poinsettia, Chrysanthemums, Florist's Azaleas, Lilies, African Violets, Geraniums, Hibiscus, Kalanchoes and Begonias

**Ornamentals (such as):** Azalea, Barberry, Cotoneaster, Euonymus, Holly, Juniper, Oak, Pine, Rhododendron, Roses, Spiraea, Spruce, Viburnum and Yew

**Do not treat vegetables.**

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in secured, dry storage area. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Empty container by using the product according to the label directions. Do not reuse or refill this container! Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[(<5 gal) Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure 2 more times.]

[(>5 gal) Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times.]

Offer for recycling if available, for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[Or for refillable Tote containers

**CONTAINER HANDLING:**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal: Empty the remaining contents from this container into a mix tank and continue to drain for 10 seconds after the flow begins to drip. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into rinsate collection system. Repeat this rinsing procedure two more times.

[Pressure rinsing the container before final disposal is the responsibility of the person disposing the container. To clean the container before final disposal

Pressure rinse by inserting pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.]

In addition to previously listed sites, this product is acceptable for use in and around the following sites:

**INDOORS:**

Animal Areas & Quarters	Dwellings	Laboratories
Apartments	Egg Processing Plants	Libraries
Auditoriums	Factories	Livestock Barns
Bakeries	Flour Mills	Loafing Sheds
Barns	Food Handling Establishments	Locker Rooms
Beverage Plants	Food Processing Plants	Mausoleums
Boats	Food Storage Areas	Meat Packing Plants
Bottling Plants	Freight Containers	Meat, Poultry and Egg Processing Facilities
Brandy Storage Warehouses	Fruit Packing Sheds	Milk Rooms
Buildings	Garbage Cans	Milking Parlors
Buses	Garbage Compactors	Mills
Cabins	Grain Elevators	Missions
Calf Hutches	Grain Handling Equipment	Mobile Homes
Canneries	Grain Mills	Motels
Cattle Barns	Granaries	Museums
Churches	Hobby Greenhouses	Mushroom Houses
Closets	Hog Operations	Mushroom Processing Plants
Commercial and Industrial Buildings	Homes	Nursing Homes
Communication Centers	Horse Barns	Office Buildings
Condominiums	Horse Stables	Passenger Rail Cars
Correctional Facilities	Hospices	Peanut Processing Plants
Dairies	Hospitals	Peanut Storage Warehouses
Dairy & Livestock Barns	Hotels	Playgrounds
Drains & Sewers	Industrial Installations	Poultry Houses
Dried Fruit Processing Plants	Institutions	Poultry Operations
Dried Fruit Warehouses	Interiorscapes	Poultry Processing Plants
Drugstores	Jails	Prisons
Dumpsters	Kennels	

Public Buildings  
Rabbit Houses  
Rabbit Processing Plants  
Railroad Cars  
Recreational Vehicles  
Research Animal Areas  
Restaurants  
Restrooms  
Rice Mills  
Schools  
Shade Houses  
Ship holds  
Ships

Stable Bins  
Stables  
Stored Food in Multi-walled Paper or  
Cloth Bags  
Stored Seed Warehouses  
Stores  
Supermarkets  
Swine Houses  
Textile Mills & Warehouses  
Theaters  
Tobacco Processing Facilities  
Tobacco Warehouses  
Townhouses

Trains  
Transportation Equipment  
Truck Trailers  
Trucks  
Utilities  
Utility Rooms  
Voids (Attics, Walls, Ceilings)  
Warehouses  
Wine Storage Warehouses  
Wineries  
Zoos

**OUTDOORS:**

Campgrounds  
Corrals  
Drive-in Restaurants  
Drive-in Theaters  
Dumpsters  
Feedlots  
Garbage Dumps  
Golf Courses

Junkyards  
Kennels  
Landscapes  
Lath Houses  
Manure Piles  
Meat, Poultry and Egg Processing  
Facilities  
Parks

Plantscapes  
Recreational Areas  
Sewers  
Swineyards  
Zoos

This product is also effective against the following insects when used according to label directions:

**BEETLES:**

American Black Flour Beetles  
Black Carpet Beetles  
Black Fungus Beetles  
Broadhorned Flour Beetles  
Brown Spider Beetles  
Cadelles  
Carpet Beetles  
Catorama Beetles  
Cereal Beetles  
Cigarette Beetles  
Confused Flour Beetles  
Corn Sap Beetles  
Darkling Beetles  
Depressed Flour Beetles  
Dermestid Beetles  
Driedfruit Beetles  
Drugstore Beetles  
Elm Leaf Beetles  
Flat Grain Beetles  
Flour Beetles  
Foreign Grain Beetles  
Fungus Beetles  
Ground Beetles  
Hairy Fungus Beetles  
Hairy Spider Beetles  
Hide Beetles  
Khapra Beetles  
Large Black Flour Beetles  
Longheaded Flour Beetles  
Merchant Grain Beetles  
Mexican Grain Beetles  
Murmidius Beetles  
Red Flour Beetles  
Red Horned Grain Beetles  
Rusty Grain Beetles  
Sawtoothed Grain Beetles  
Slenderhorned Flour Beetles  
Smalleyed Flour Beetles  
Spider Beetles  
Squarenecked Grain Beetles  
Trogoderma Beetles  
Twobanded Beetles  
Whitemarked Spider Beetles

**CRAWLING INSECTS:**

Ants (excluding Harvester)

Bed Bugs  
Booklice  
Boxelder Bugs  
Cabbage Loopers  
Cabbageworms  
Carpenter Ants  
Chrysanthemum Leafminers  
Cockroaches  
Crickets  
Earwigs  
Fire Ants  
Firebrats  
Grasshoppers  
Mealybugs  
Millipedes  
Pillbugs  
Psocids  
Scorpions  
Silverfish  
Sowbugs  
Springtails  
Vegetable Leafminers

**FLEAS AND TICKS:**

Brown Dog Ticks  
Fleas  
Sheep Ticks  
Spinose Ear Ticks  
Ticks

**FLYING INSECTS:**

Aphids  
Barn Flies  
Black Flies  
Blow Flies  
Bottle Flies  
Cheese Skippers  
Cluster Flies  
Deer Flies  
Flies  
Fruit Flies  
Fungus Gnats  
Gnats  
Horn Flies  
Horse Flies  
House Flies  
Midges  
Mosquitoes

Mushroom Flies  
Paper Wasps  
Skipper Flies  
Stable Flies  
Thrips  
Vinegar Flies  
Whiteflies  
**GRAIN BORERS:**  
Larger Grain Borers  
Lesser Grain Borers  
**MOTHS:**  
Almond Moths  
Angoumois Grain Moths  
Chocolate Moths  
Clothes Moths  
Cocoa Bean Moths  
European Grain Moths  
Indianmeal Moths  
Mediterranean Flour Moths  
Moths  
Pink Scavenger Caterpillars  
Rice Moths  
Small Flying Moths  
Tobacco Moths  
Webbing Clothes Moths  
**SPIDERS & MITES:**  
Cheese Mites  
Clover Mites  
Grain Mites  
Red Spider Mites  
Spider Mites  
Spiders (excluding Black Widow and  
Brown Recluse)  
**WEEVILS:**  
Bean Weevils  
Broadnosed Grain Weevils  
Coffee Bean Weevils  
Granary Weevils  
Maize Weevils  
Rice Weevils  
**WORMS:**  
Dark Mealworms  
Lesser Mealworms  
Mealworms  
Yellow Mealworms

**Conditions of Sale and Warranty**

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. McLaughlin Gormley King Company (MGK) warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) MGK MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND MGK'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) MGK AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. MGK and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of MGK.